

In the Claims:

- 1 1. (Currently amended) A floor cleaning tool comprising:
2 a housing of which a bottom side is adapted to face a
3 floor;
4 a support element that is mounted to said housing and
5 protrudes downwardly from said housing so as to contact on
6 the floor and exert a first portion of a total contact
7 force of said floor cleaning tool on the floor;
8 a power-driven rotatable brush roller that is
9 rotatably mounted in said housing and exposed downwardly
10 from said housing toward the floor;
11 a pivot lever that has a pivot point pivotally
12 connected to said housing;
13 an adjusting element that is supported by and
14 connected to a mounting point on said pivot lever displaced
15 away from said pivot point of said pivot lever; and
16 a biasing spring that is connected to said housing and
17 to a spring connection point on said pivot lever displaced
18 away from said pivot point of said pivot lever;
19 wherein said biasing spring exerts a biasing force
20 that biases said pivot lever to pivot about said pivot
21 point so as to move said adjusting element out of said
22 housing to contact on the floor and exert a second portion
23 of the total contact force of said floor cleaning tool on
24 the ~~[[floor-]]~~ floor; and
25 wherein said brush roller selectively contacts on the
26 floor and exerts a third portion of the total contact force

27 of said floor cleaning tool on the floor, wherein said
28 third portion is dependent on said second portion so as to
29 be reduced by an increase of said second portion and to be
30 increased by a reduction of said second portion, whereby an
31 adjustment of said adjusting element adjusts said third
32 portion of said total contact force exerted by said brush
33 roller on the floor.

Claim 2 (Canceled).

1 3. (Original) The floor cleaning tool according to claim 1,
2 wherein said support element comprises at least one support
3 roller that is rotatably mounted about a rotation axis that
4 is fixed in said housing.

1 4. (Original) The floor cleaning tool according to claim 1,
2 wherein said support element comprises at least one
3 supporting glide element that is fixed to said housing.

Claim 5 (Canceled).

1 6. (Original) The floor cleaning tool according to claim 1,
2 wherein said adjusting element comprises at least one
3 adjusting glide element that is non-rotatably connected to
4 said mounting point on said pivot lever.

1 7. (Original) The floor cleaning tool according to claim 1,
2 wherein said brush roller is rotatably mounted about a
3 rotation axis that is fixed in said housing.

1 8. (Original) The floor cleaning tool according to claim 1,
2 wherein said adjusting element is located between said
3 brush roller and said support element, and closer to said
4 brush roller than to said support element.

1 9. (Original) The floor cleaning tool according to claim 1,
2 wherein said pivot point is at a pivoted end of said pivot
3 lever.

Claim 10 (Canceled).

1 11. (Original) The floor cleaning tool according to claim 1,
2 wherein said mounting point at which said adjusting element
3 is connected to said pivot lever is between said pivot
4 point and said spring connection point.

1 12. (Original) The floor cleaning tool according to claim 1,
2 wherein said pivot lever is an angled two-armed lever
3 including first and second arms connected to each other at
4 a vertex with an angle less than 180° between said first
5 and second arms, and wherein said mounting point at which
6 said adjusting element is connected to said pivot lever is
7 located at said vertex.

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1 13. (Currently amended) ~~The floor cleaning tool according to~~
2 ~~claim 1,~~ A floor cleaning tool comprising:

3 a housing of which a bottom side is adapted to face a
4 floor;

5 a support element that is mounted to said housing and
6 protrudes downwardly from said housing so as to contact on
7 the floor and exert a first portion of a total contact
8 force of said floor cleaning tool on the floor;

9 a power-driven rotatable brush roller that is
10 rotatably mounted in said housing and exposed downwardly
11 from said housing toward the floor;

12 a pivot lever that has a pivot point pivotally
13 connected to said housing;

14 an adjusting element that is supported by and
15 connected to a mounting point on said pivot lever displaced
16 away from said pivot point of said pivot lever; and

17 a biasing spring that is connected to said housing and
18 to a spring connection point on said pivot lever displaced
19 away from said pivot point of said pivot lever;

20 wherein said biasing spring exerts a biasing force
21 that biases said pivot lever to pivot about said pivot
22 point so as to move said adjusting element out of said
23 housing to contact on the floor and exert a second portion
24 of the total contact force of said floor cleaning tool on
25 the floor;

26 further comprising an adjustable travel-limiting
27 element that includes an adjustable counter-surface
28 arranged in said housing adjacent to and cooperating with

29 said pivot lever, and that is manually adjustable so as to
30 selectively position said adjustable counter-surface at a
31 selected position to limit an upward pivoting travel of
32 said pivot lever against said adjustable counter-surface at
33 said selected position.

1 14. (Original) The floor cleaning tool according to claim 13,
2 wherein said travel-limiting element further includes a
3 rotary knob that is rotatable about a knob rotation axis,
4 wherein said adjustable counter-surface comprises plural
5 stop surfaces that are connected to said rotary knob, and
6 that extend parallel to said knob rotation axis, and that
7 are respectively positioned at respective different spacing
8 distances relative to said knob rotation axis, and wherein
9 said different spacing distances define different positions
10 of said plural stop surfaces among which said selected
11 position is selected by rotation of said rotary knob.

1 15. (Currently amended) ~~The floor cleaning tool according to~~
2 ~~claim 1, A floor cleaning tool comprising:~~
3 a housing of which a bottom side is adapted to face a
4 floor;
5 a support element that is mounted to said housing and
6 protrudes downwardly from said housing so as to contact on
7 the floor and exert a first portion of a total contact
8 force of said floor cleaning tool on the floor;

9 a power-driven rotatable brush roller that is
10 rotatably mounted in said housing and exposed downwardly
11 from said housing toward the floor;

12 a pivot lever that has a pivot point pivotally
13 connected to said housing;

14 an adjusting element that is supported by and
15 connected to a mounting point on said pivot lever displaced
16 away from said pivot point of said pivot lever; and

17 a biasing spring that is connected to said housing and
18 to a spring connection point on said pivot lever displaced
19 away from said pivot point of said pivot lever;

20 wherein said biasing spring exerts a biasing force
21 that biases said pivot lever to pivot about said pivot
22 point so as to move said adjusting element out of said
23 housing to contact on the floor and exert a second portion
24 of the total contact force of said floor cleaning tool on
25 the floor;

26 further comprising an operating element and a coupling
27 link that is connected to said operating element and to
28 said pivot lever at a location displaced from said pivot
29 point, whereby an operating movement of said operating
30 element operates said coupling link to pivot said pivot
31 lever so as to selectively move said adjusting element out
32 of said housing to a maximally protruding position thereof
33 which maximizes said second portion of the total contact
34 force of said floor cleaning tool on the floor and lifts
35 said brush roller out of contact with the floor into a
36 parking position of said brush roller.

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1 16. (Original) The floor cleaning tool according to claim 15,
2 wherein said coupling link comprises a coupling rod that is
3 form-fittingly connected to said pivot lever.

1 17. (Original) The floor cleaning tool according to claim 15,
2 wherein said coupling link comprises a spring-loaded
3 extensible rod or piston-cylinder element.

1 18. (Original) The floor cleaning tool according to claim 15,
2 wherein said biasing spring is connected to said coupling
3 link and via said coupling link to said spring connection
4 point on said pivot lever.

1 19. (New) A floor cleaning tool comprising:

2 a housing of which a bottom side is adapted to face a
3 floor;

4 a support element that is mounted to said housing and
5 protrudes downwardly from said housing so as to contact on
6 the floor and exert a first portion of a total contact
7 force of said floor cleaning tool on the floor;

8 a power-driven rotatable brush roller that is
9 rotatably mounted in said housing and exposed downwardly
10 from said housing toward the floor;

11 a pivot lever that has a pivot point pivotally
12 connected to said housing;

13 an adjusting element comprising at least one adjusting
14 roller that is supported by and rotatably connected to a

15 mounting point on said pivot lever displaced away from said
16 pivot point of said pivot lever; and

17 a biasing spring that is connected to said housing and
18 to a spring connection point on said pivot lever displaced
19 away from said pivot point of said pivot lever;

20 wherein said biasing spring exerts a biasing force
21 that biases said pivot lever to pivot about said pivot
22 point so as to move said adjusting element out of said
23 housing to contact on the floor and exert a second portion
24 of the total contact force of said floor cleaning tool on
25 the floor.

1 **20. (New) A floor cleaning tool comprising:**

2 a housing of which a bottom side is adapted to face a
3 floor;

4 a support element that is mounted to said housing and
5 protrudes downwardly from said housing so as to contact on
6 the floor and exert a first portion of a total contact
7 force of said floor cleaning tool on the floor;

8 a power-driven rotatable brush roller that is
9 rotatably mounted in said housing and exposed downwardly
10 from said housing toward the floor;

11 a pivot lever having a pivot point that is provided at
12 a pivoted end of said pivot lever and that is pivotally
13 connected to said housing;

14 an adjusting element that is supported by and
15 connected to a mounting point on said pivot lever displaced
16 away from said pivot point of said pivot lever; and

17 a biasing spring that is connected to said housing and
18 to a spring connection point on said pivot lever at a free
19 end of said pivot lever opposite and away from said pivoted
20 end and displaced away from said pivot point of said pivot
21 lever;

22 wherein said biasing spring exerts a biasing force
23 that biases said pivot lever to pivot about said pivot
24 point so as to move said adjusting element out of said
25 housing to contact on the floor and exert a second portion
26 of the total contact force of said floor cleaning tool on
27 the floor.

[RESPONSE CONTINUES ON NEXT PAGE]

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